

040804
15992 U.S. PTO

PTO/SB/05 (08-00)

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Approved for use through 10/31/2002. OMB 0651-0032
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

<i>Attorney Docket No.</i>	0929-CS-C1
<i>First Inventor</i>	Douglas R. HOLBERG
<i>Title</i>	CCD Imager Analog Processor Systems and Methods
<i>Express Mail Label No.</i>	EV304636379US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. Applicant claims small entity status.
See 37 CFR 1.27.
3. Specification [Total Pages **30**] *(preferred arrangement set forth below)*
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. Drawing(s) (35 U.S.C. 113) [Total Sheets **16**]
5. Oath or Declaration [Total Pages **4**]
 - a. Newly executed (original or copy)
 - b. Copy from a prior application (37 CFR 1.63 (d)) *(for continuation/divisional with Box 17 completed)*
 - i. **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM or CD-R (2 copies); or
 - ii. paper
 - c. Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers (cover sheet & document(s))
10. 37 CFR 3.73(b) Statement Power of Attorney *(when there is an assignee)*
11. English Translation Document *(if applicable)*
12. Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
13. Preliminary Amendment
14. Return Receipt Postcard (MPEP 503) *(Should be specifically itemized)*
15. Certified Copy of Priority Document(s) *(if foreign priority is claimed)*
16. Other: Credit Card Auth form; Subm. Formal Dwgns & 16 formal sheets

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation Divisional Continuation-in-part (CIP)

of prior application No 09/283,112

Prior application information:

Examiner John M. Villecco

Group / Art Unit: 2612

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.**18. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	20284 <small>(Insert Customer No. or Attach bar code label here)</small>		<input type="checkbox"/> or <input type="checkbox"/> Correspondence address below	
Name				
Address				
City	State	Zip Code		
Country	Telephone	Fax		
Name (Print/Type)	STEVEN LIN		Registration No. (Attorney/Agent)	35,250
Signature			Date 8-Apr-04	

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

17487 U.S. PTO
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FEE TRANSMITTAL

for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 770.00)

Complete if Known

Application Number	CON of 09/283,112
Filing Date	CONCURRENTLY HEREWITH
First Named Inventor	Douglas R. HOLBERG et al.
Examiner Name	John M. Villecco (prior)
Art Unit	2612 (prior)
Attorney Docket No.	0929-CS-C1

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

 Deposit Account:

Deposit Account Number	03-2028/0929-CS-C1
Deposit Account Name	Cirrus Logic, Inc.

The Director is authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) or any underpayment of fee(s)
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1001	770		2001	385		Utility filing fee	770
1002	340		2002	170		Design filing fee	
1003	530		2003	265		Plant filing fee	
1004	770		2004	385		Reissue filing fee	
1005	160		2005	80		Provisional filing fee	
SUBTOTAL (1)		(\$ 770.00)					

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	15	-20** =	0	X	18.00	=	0.00	Extra Claims	Fee from below	Fee Paid
Independent Claims	3	- 3** =	0	X	86.00	=	0.00			
Multiple Dependent										

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	
1202	18		2202	9		Claims in excess of 20	
1201	86		2201	43		Independent claims in excess of 3	
1203	290		2203	145		Multiple dependent claim, if not paid	
1204	86		2204	43		** Reissue independent claims over original patent	
1205	18		2205	9		** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)		(\$ 0.00)					

**or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES

Large Entity	Fee Code (\$)	Fee	Small Entity	Fee Code (\$)	Fee	Fee Description	Fee Paid
1051	130		2051	65		Surcharge - late filing fee or oath	
1052	50		2052	25		Surcharge - late provisional filing fee or cover sheet	
1053	130		1053	130		Non-English specification	
1812	2,520		1812	2,520		For filing a request for ex parte reexamination	
1804	920*		1804	920*		Requesting publication of SIR prior to Examiner action	
1805	1,840*		1805	1,840*		Requesting publication of SIR after Examiner action	
1251	110		2251	55		Extension for reply within first month	
1252	420		2252	210		Extension for reply within second month	
1253	950		2253	475		Extension for reply within third month	
1254	1,480		2254	740		Extension for reply within fourth month	
1255	2,010		2255	1,005		Extension for reply within fifth month	
1401	330		2401	165		Notice of Appeal	
1402	330		2402	165		Filing a brief in support of an appeal	
1403	290		2403	145		Request for oral hearing	
1451	1,510		1451	1,510		Petition to institute a public use proceeding	
1452	110		2452	55		Petition to revive - unavoidable	
1453	1,330		2453	665		Petition to revive - unintentional	
1501	1,330		2501	665		Utility issue fee (or reissue)	
1502	480		2502	240		Design issue fee	
1503	640		2503	320		Plant issue fee	
1460	130		1460	130		Petitions to the Commissioner	
1807	50		1807	50		Processing fee under 37 CFR 1.17(q)	
1806	180		1806	180		Submission of Information Disclosure Stmt	
8021	40		8021	40		Recording each patent assignment per property (times number of properties)	
1809	770		2809	385		Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770		2810	385		For each additional invention to be examined (37 CFR 1.129(b))	
1801	770		2801	385		Request for Continued Examination (RCE)	
1802	900		1802	900		Request for expedited examination of a design application	
Other fee (specify) _____							
*Reduced by Basic Filing Fee Paid							SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY		(Complete if applicable)		
Name (Print/Type)	Signature	Registration No. (Attorney/Agent)	Telephone	Date
Steven Lin		35,250	512-851-4465	8-Apr-04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Douglas R. HOLBERG et al.
Appl. No. : Continuation of 09/283,112
Parent Filed : March 31, 1999
Title : CCD IMAGER ANALOG PROCESSOR SYSTEMS AND METHODS

Grp/A.U. : 2612 (prior)
Examiner : John M. Villecco (prior)
Docket No. : 0929-CS-C1

Express Mail No.: EV304636379US
Date of Deposit: April 8, 2004

COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

SUBMISSION OF FORMAL DRAWINGS

Sir:

Enclosed please find sixteen (16) sheets of formal drawings for review by the Patent and Trademark Office. These drawings are being submitted concurrently with the above-referenced continuation patent application and fee payment.

No extra fees are believed to be due by the filing of this submission; however, if any fees are due by the filing of the enclosed documents, including any fees incurred by an extension of term, please consider this paragraph such a Request for term, and charge any fees associated with the Request or any other fees incurred by the filing of this document to Cirrus Logic Deposit Account No. 03-2028/0929-CS-C1.

Cirrus Logic, Inc.
2901 Via Fortuna
Austin, TX 78746
(512) 851-4465

Respectfully submitted,

Date: April 8, 2004

By: SL
Steven Lin
Reg. No.: 35,250
Customer No. 20284